



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Tuesday September 14, 2021

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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- **Nicholas made landfall along the TX coast early this morning and will move slowly east into LA by Wednesday and dissipate on Thursday.**
 - Heavy rain/flooding is the main impact, primarily for extreme SE TX into SW & S-Central LA today and for S & SE LA on Wednesday and Thursday.
 - Tropical storm winds will continue to be possible along the Upper Texas coast and SE TX into SW LA today.
 - Some storm surge and a few brief tornadoes possible for SE TX into S LA today. A few brief tornadoes also possible across SE LA on Wednesday.
- **Isolated severe storms possible across NE NM, the TX/OK Panhandles, and N OK today.**
- **A tropical depression could form in the western Atlantic later this week. No impacts to FEMA 6.**
- **A tropical depression is likely to form in the eastern Atlantic by late this week. No impacts to FEMA 6 for at least the next 5 days.**

FEMA Region 6 Threat Matrix

Sep 14, 2021 - Sep 18, 2021



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DAY / THREAT	Tue	Wed	Thu	Fri	Sat
Severe Storms	NE NM, N OK, TX/OK Panhandles, SETX, S LA	SE LA			
Heavy Rain / Flash Flooding	Extreme SETX, SW LA	S LA	S LA		
	SETX, S & Central LA	SETX, SW LA, Central LA	ETX, SAR, N LA		
Fire Weather					
Tropical Winds / Surge	Upper Texas Coast, SETX, SW LA				
Heat					
River Flooding	Coastal TX, LA	Coastal TX, LA	Coastal TX, LA	Coastal TX, LA	Coastal TX, LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf



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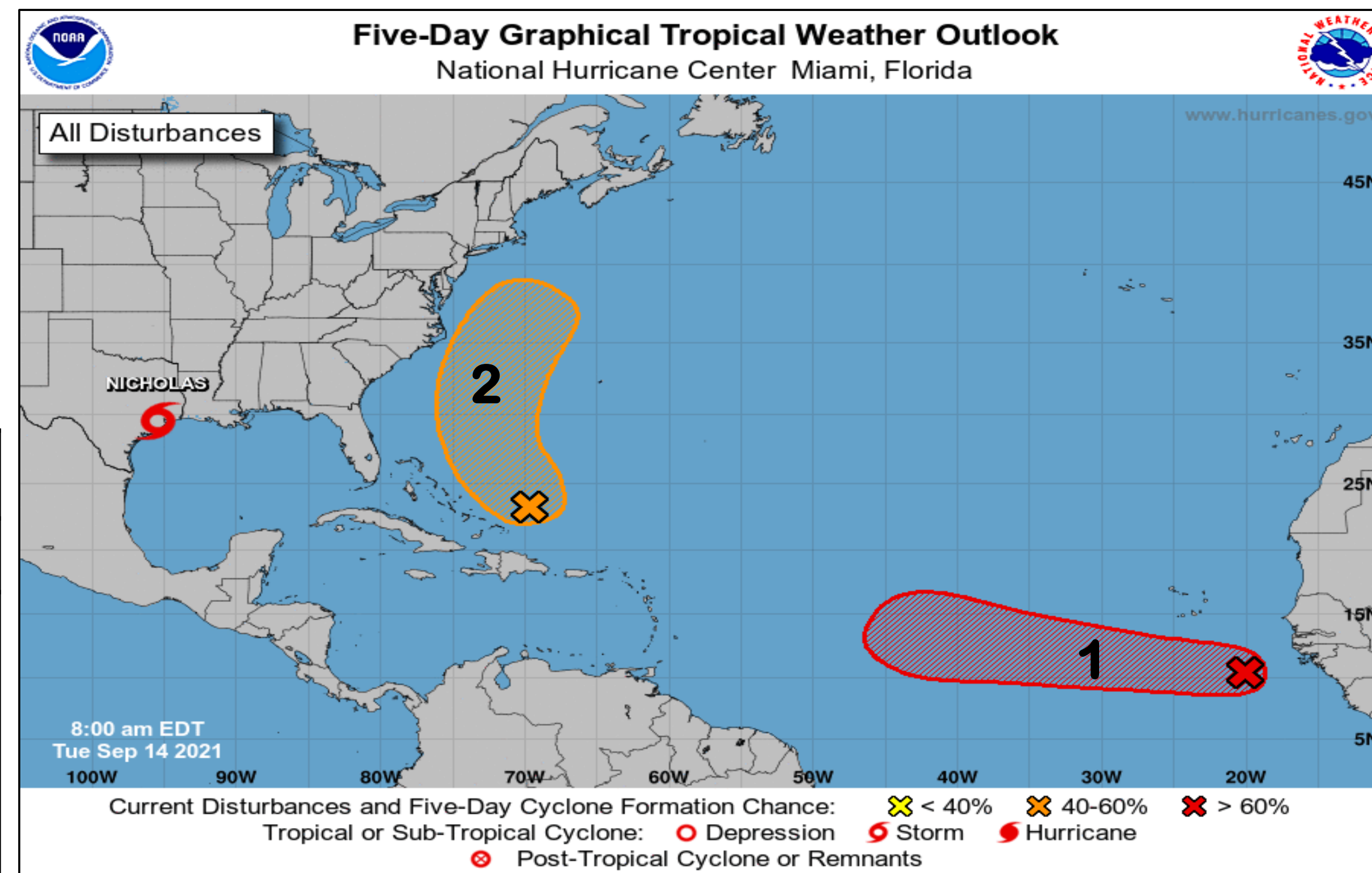
See next slide for more information

Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	High	None in the next 5 days.
2	Medium	None.

Active Tropical Cyclones

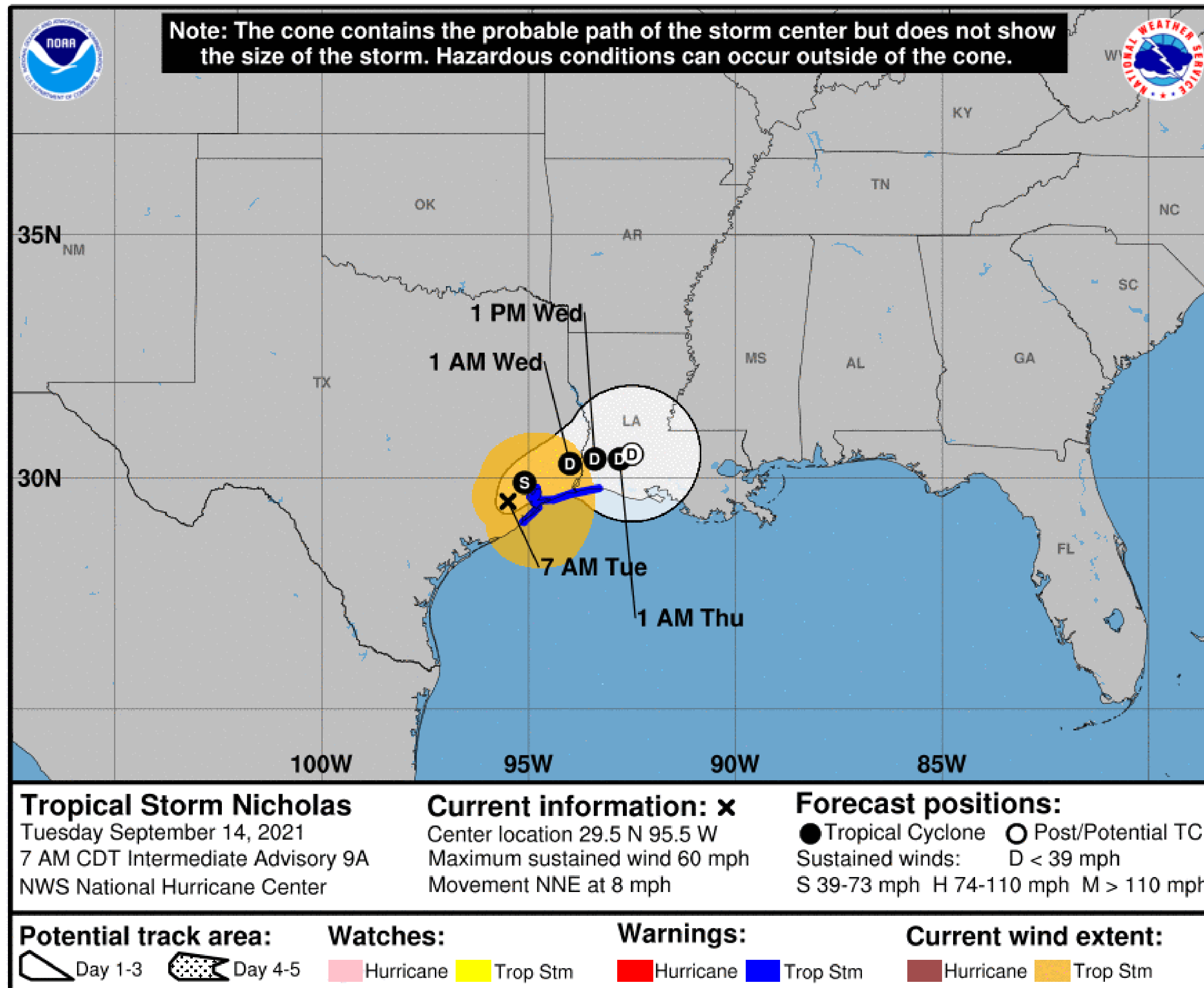
Storm	Potential Impacts to FEMA 6
Nicholas	Heavy rain/flooding is the main impact, primarily for extreme SE TX into SW & S-Central LA today and S & SE LA on Wednesday and Thursday. TS winds, some storm surge and a few brief tornadoes possible for SE TX into S LA today. A few brief tornadoes also possible across SE LA on Wednesday.



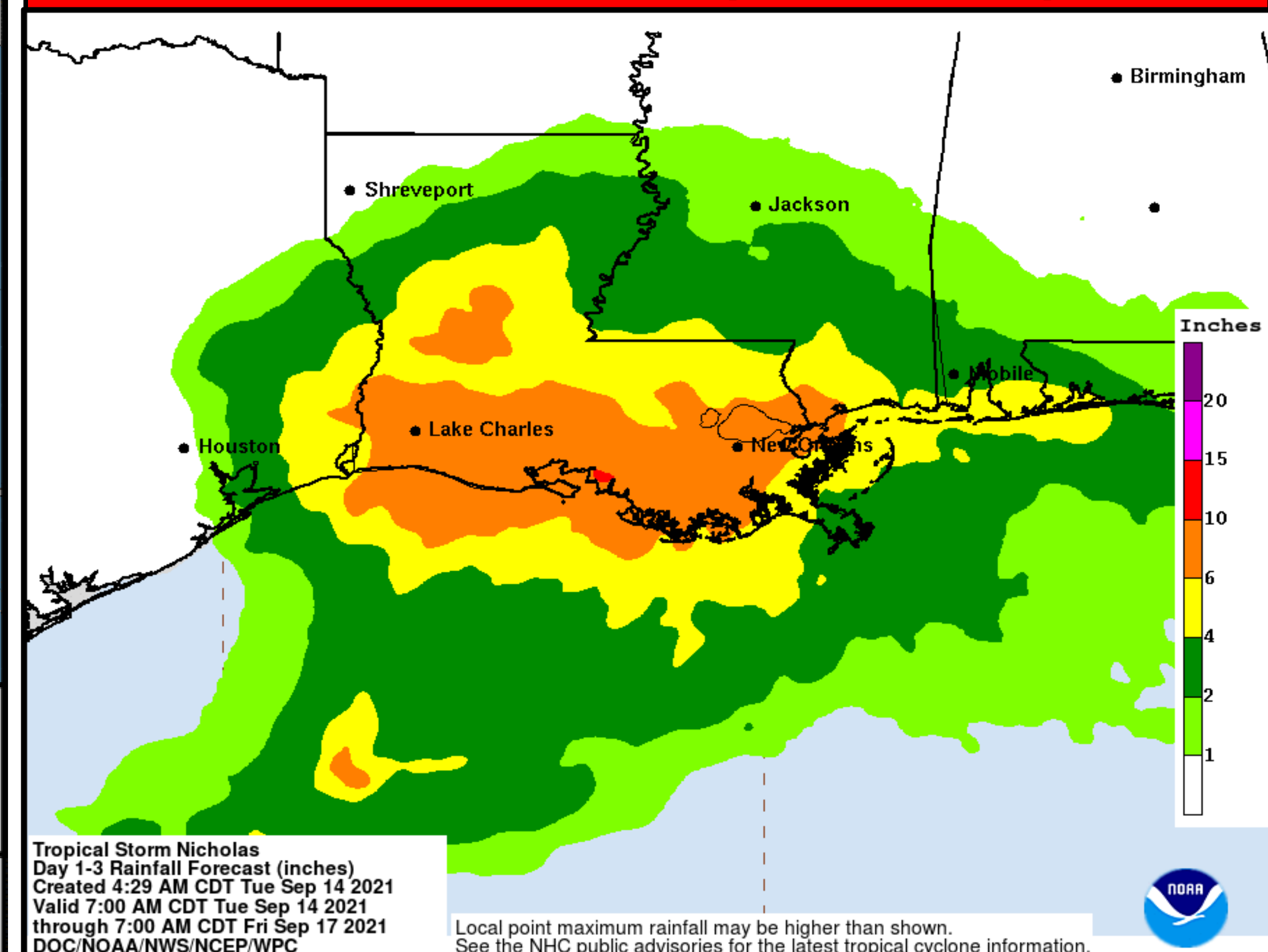
Nicholas

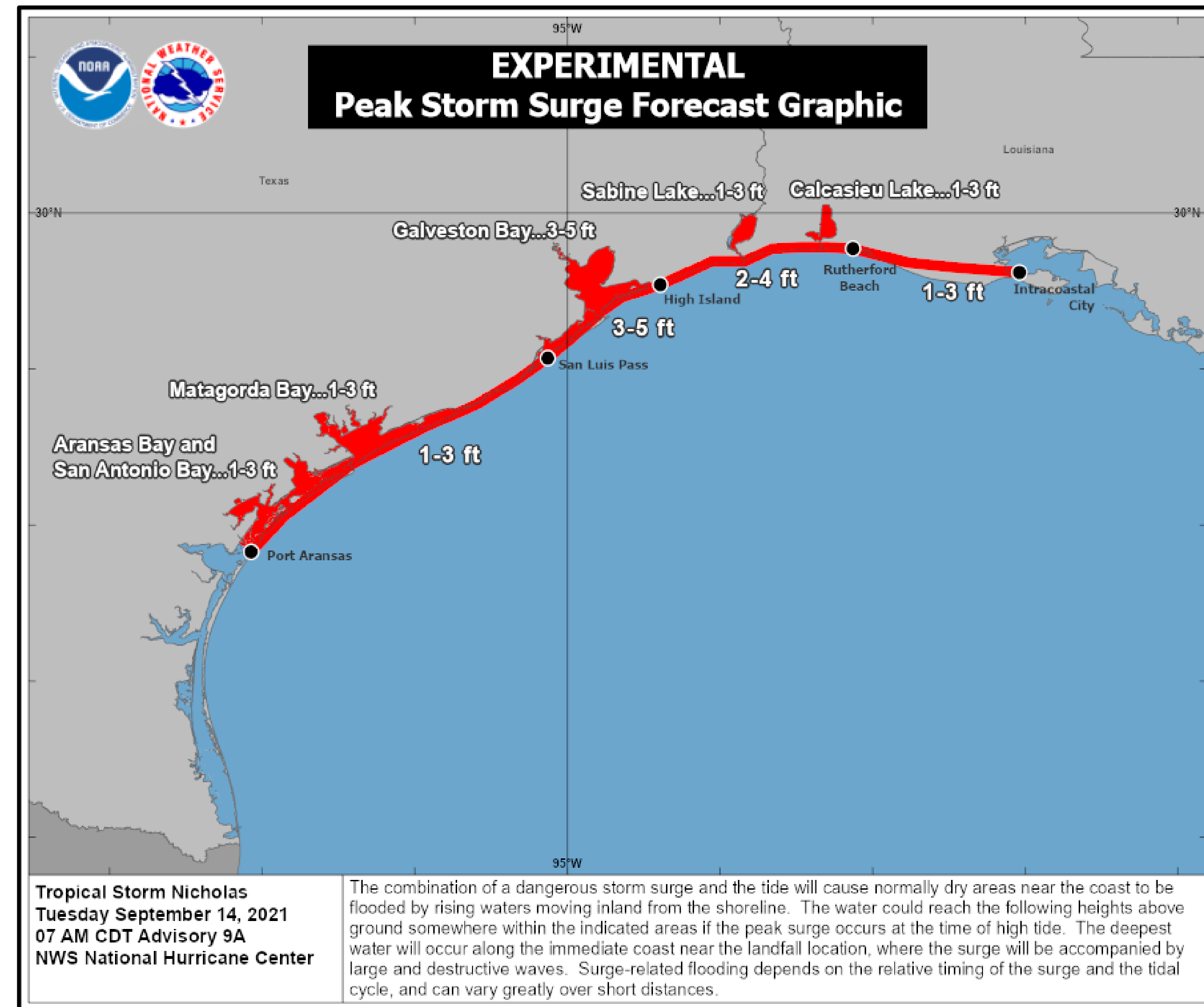
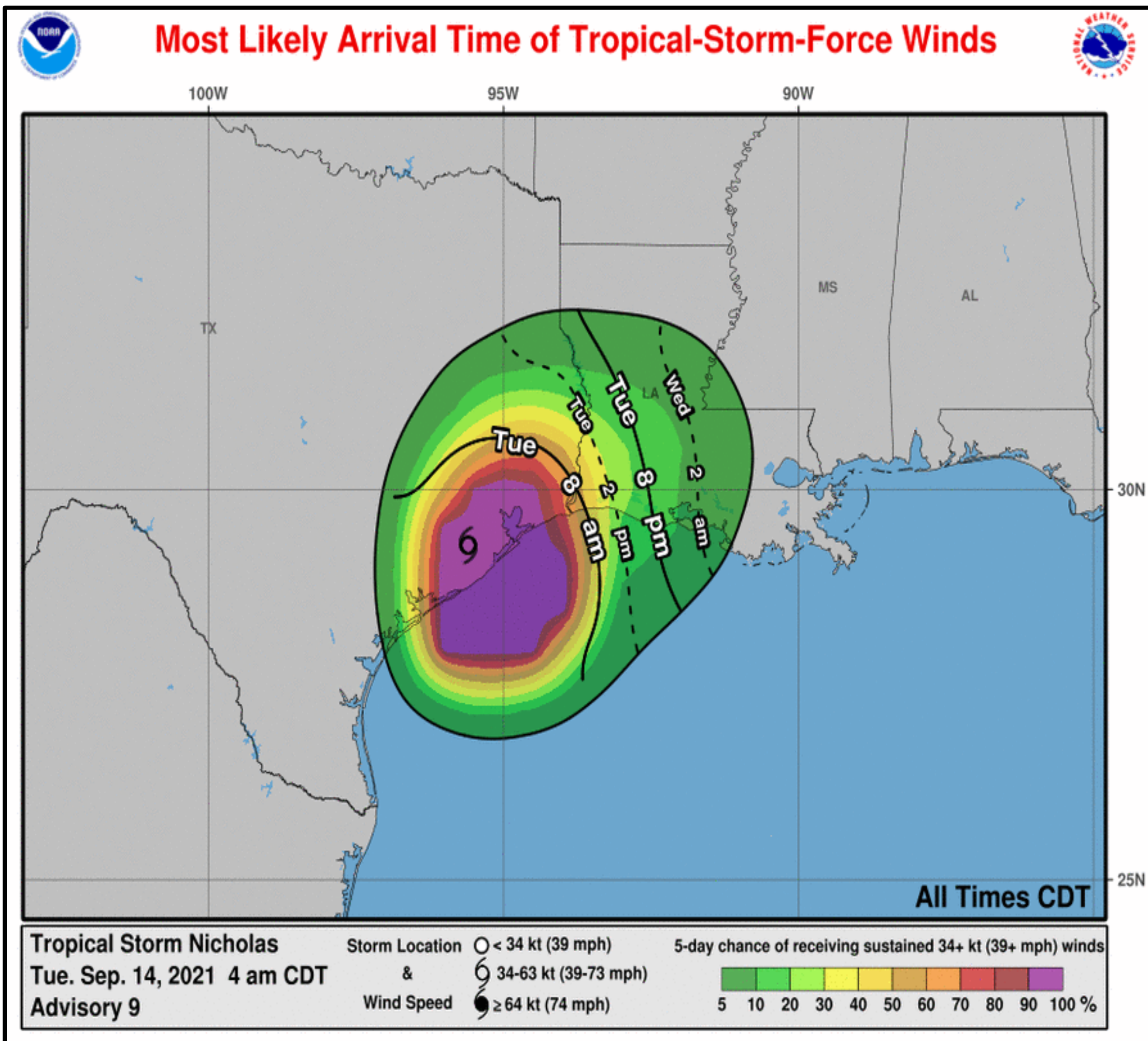


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Nicholas made landfall along the TX coast early this morning and will move slowly east into LA by Wednesday and dissipate on Thursday. Heavy rain/flooding is the main impact, primarily for extreme SE TX into SW & S-Central LA today and S & SE LA on Wednesday and Thursday.





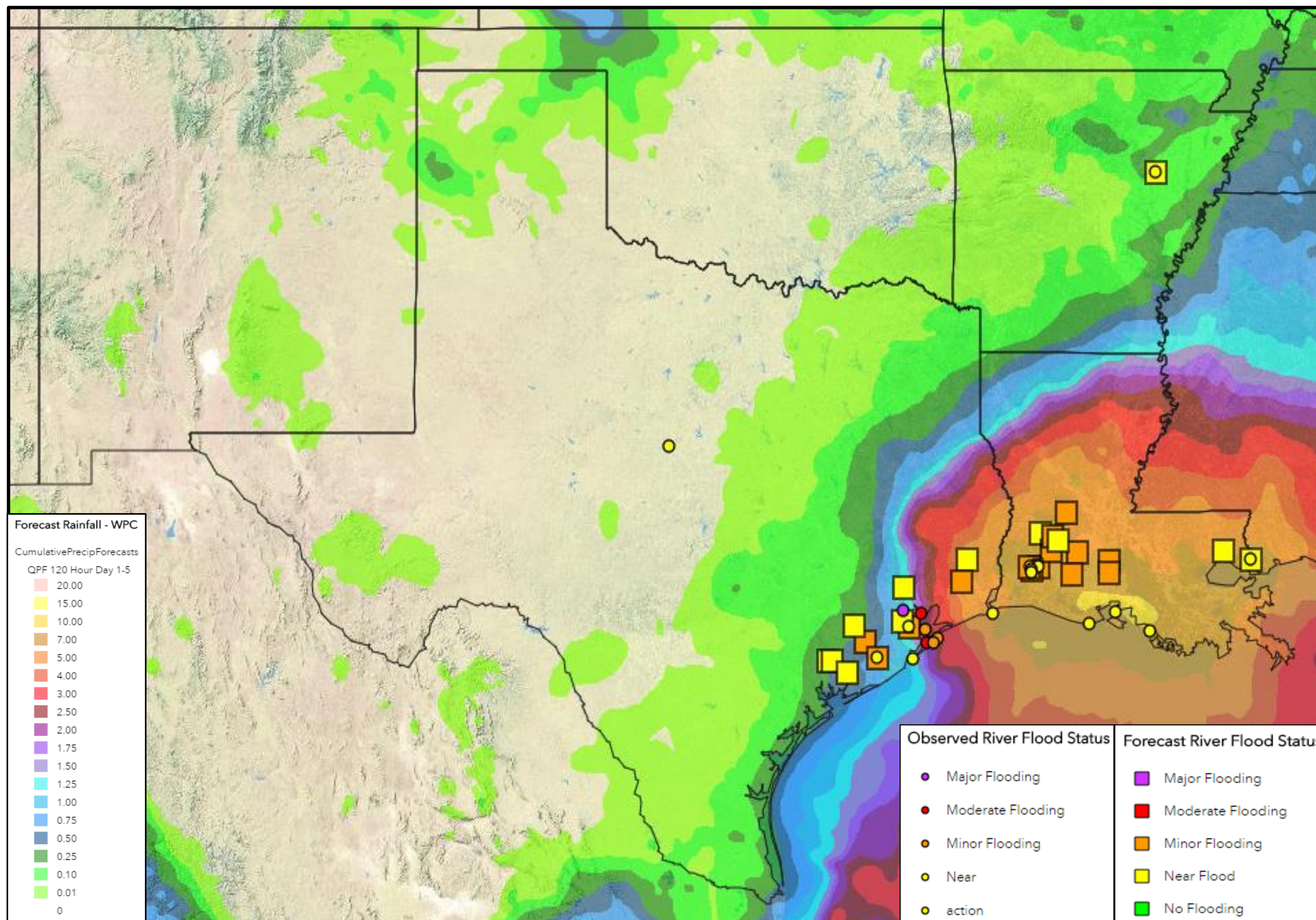
5-Day Precipitation Forecast & River Flood Status



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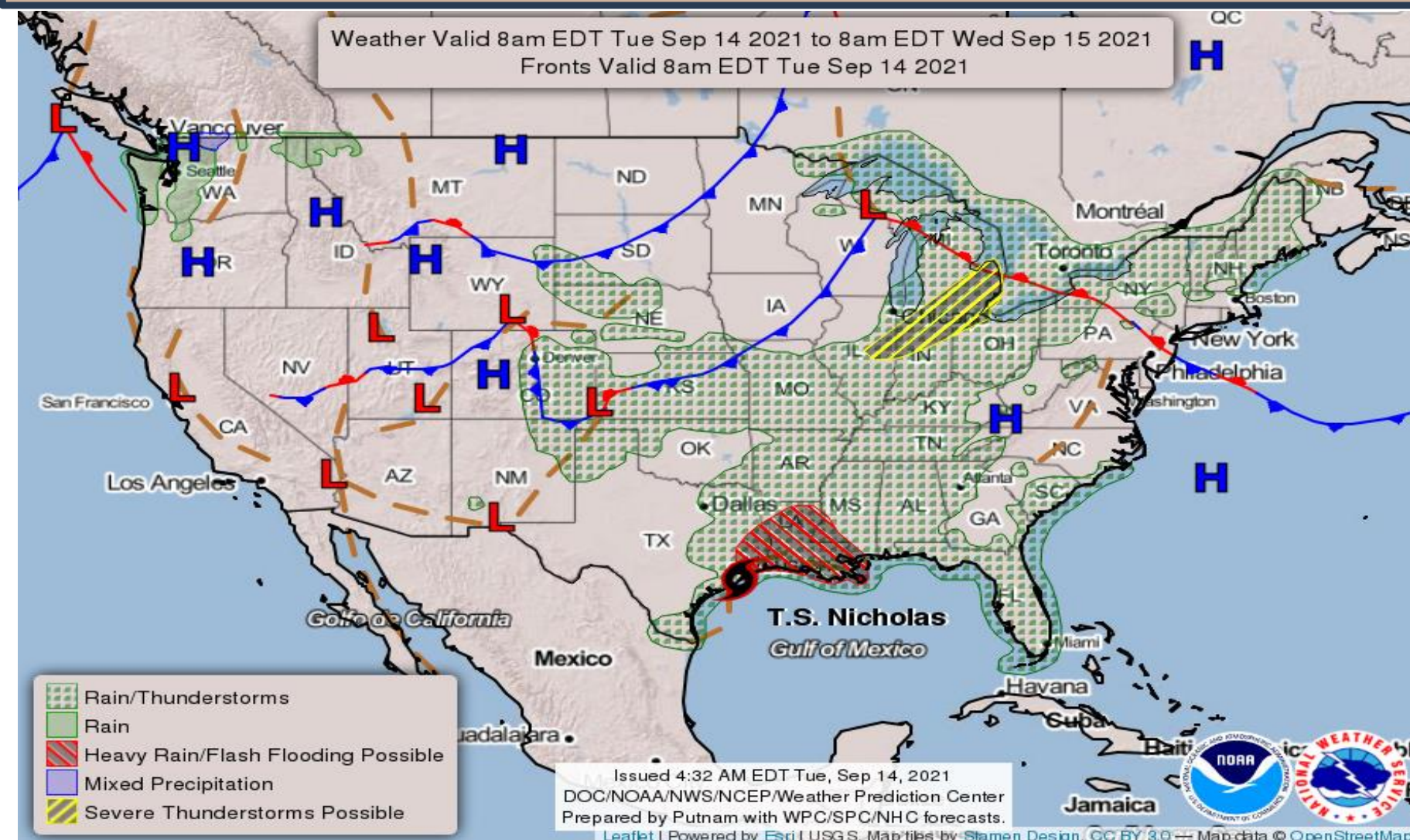
Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

Minor to isolated moderate flooding possible for coastal TX into LA due to heavy rain from Nicholas starting today continuing into the weekend.

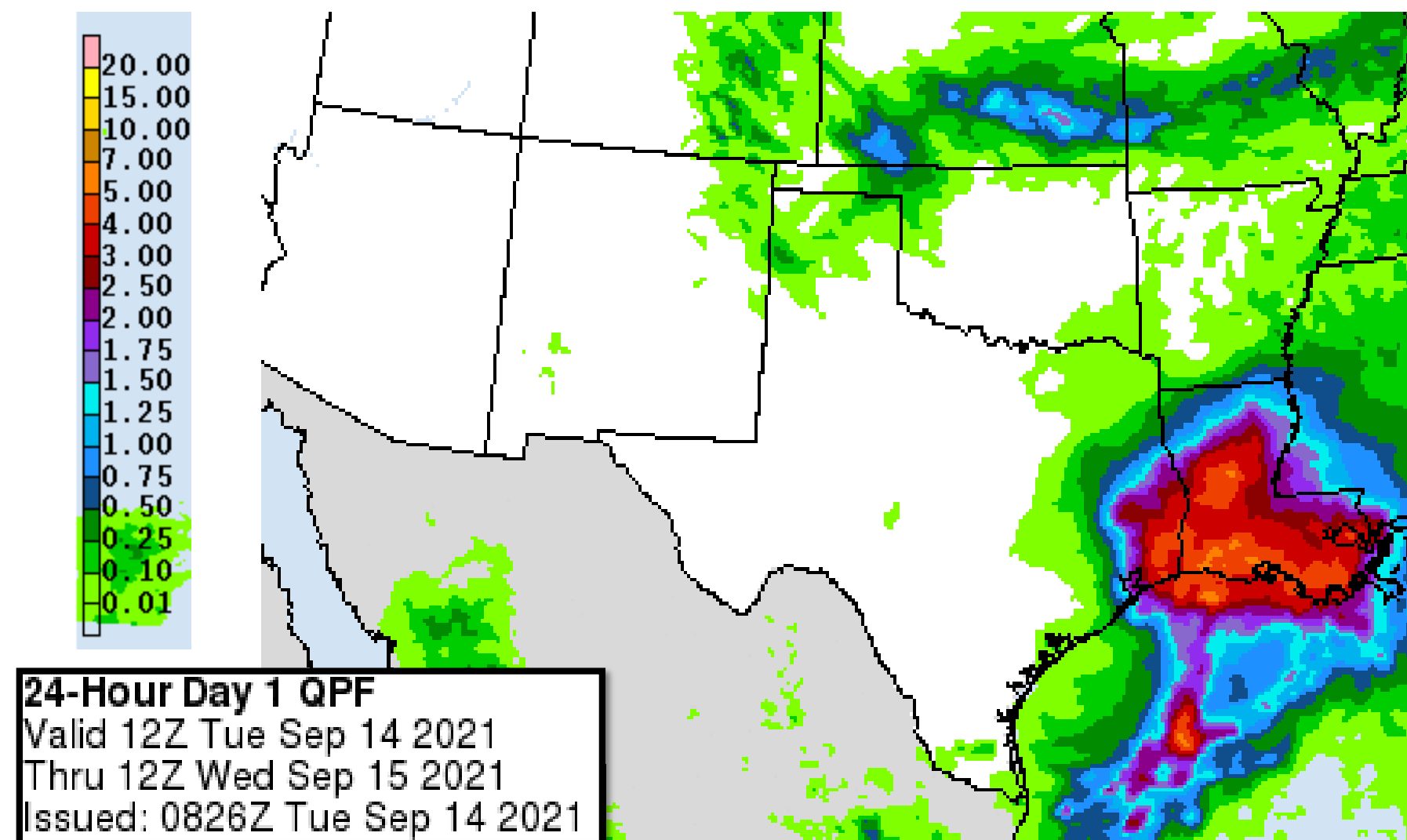


Today's Weather

Forecast Chart



Forecast Rainfall



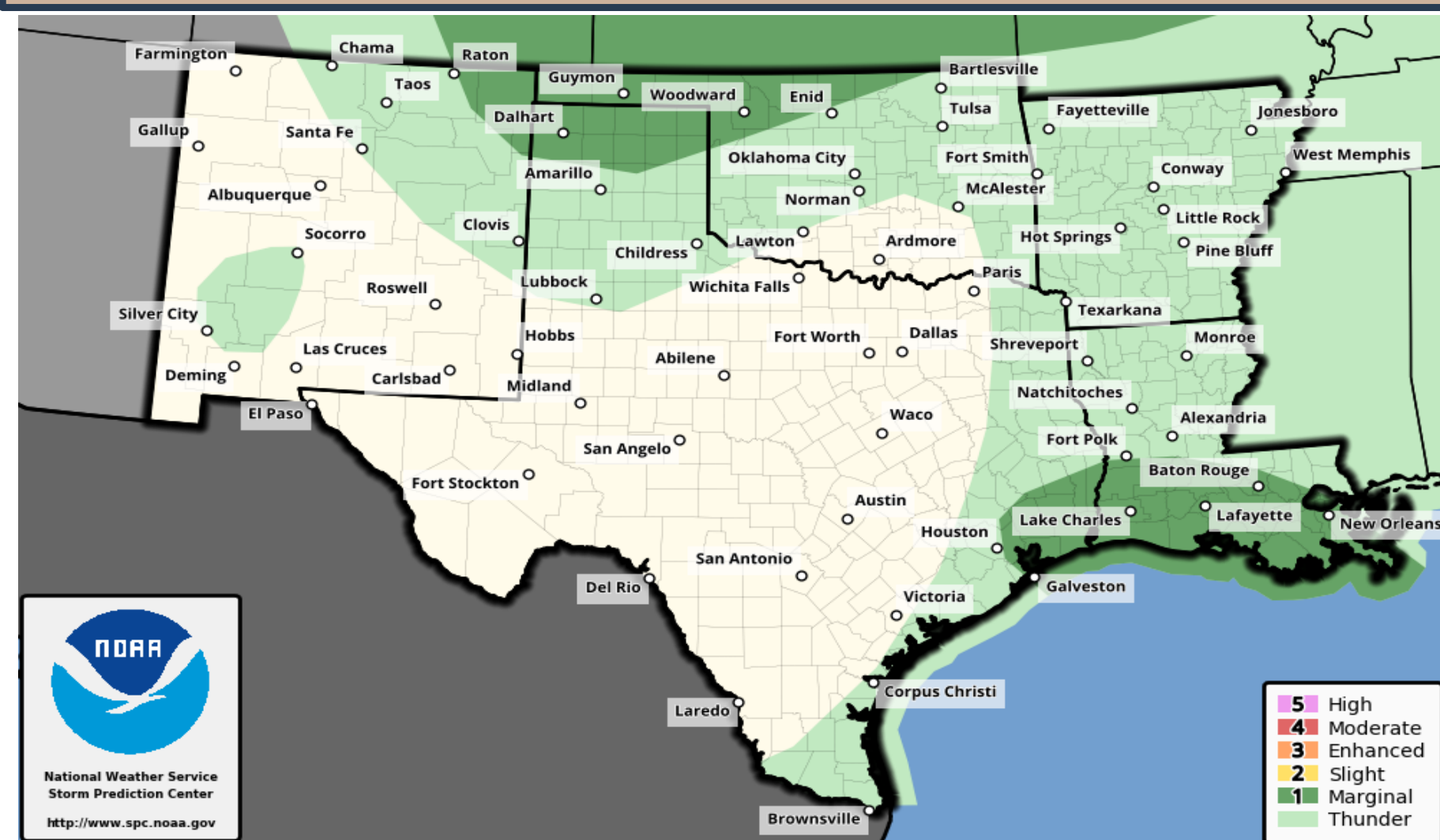
Significant heavy rain will lead to flash and urban flooding across extreme SE TX and SW LA.

Significant heavy rainfall may also lead to flash and urban flooding across SE TX into S and Central LA.

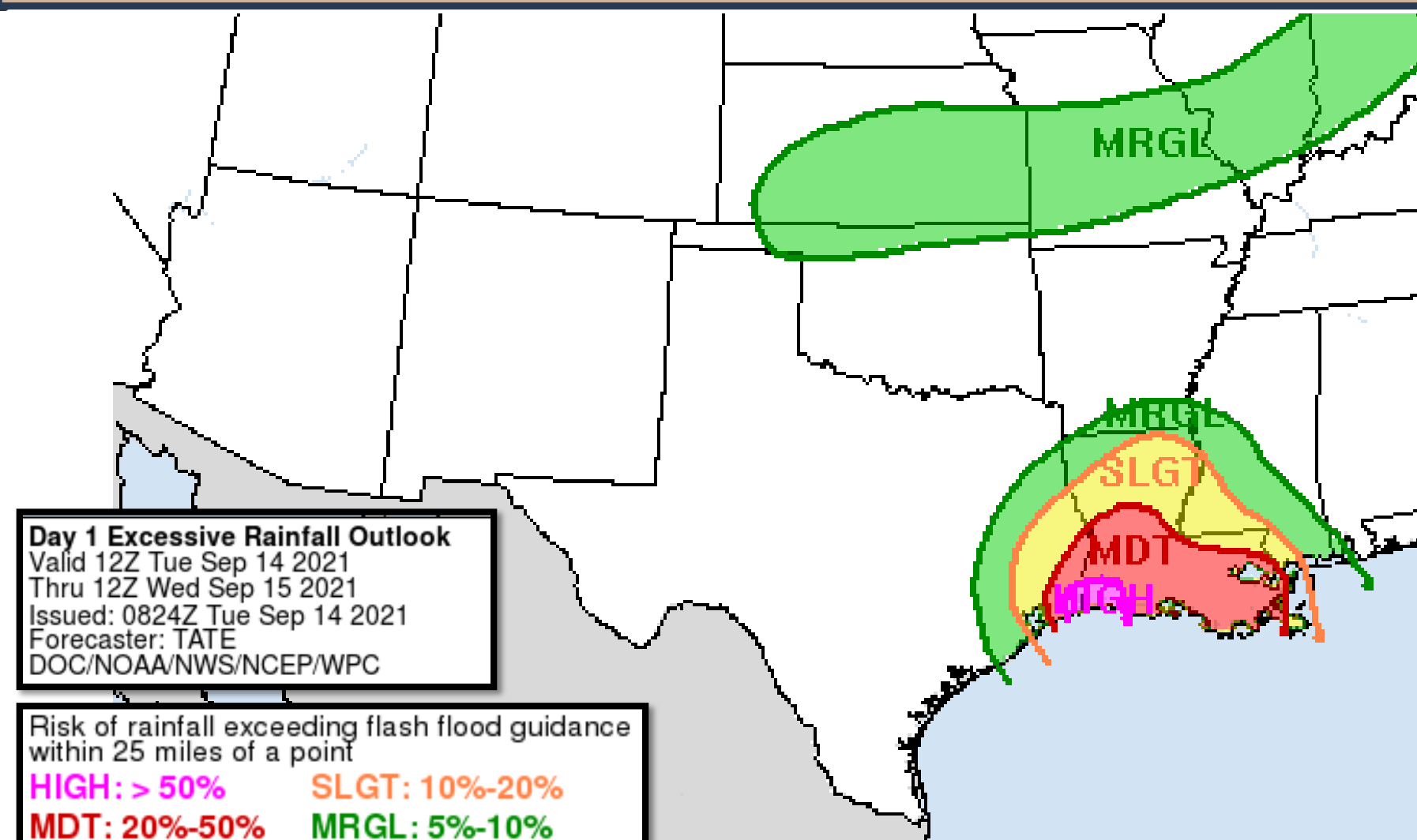
A few brief tornadoes possible for SE TX into S LA.

Isolated strong to severe storms across NE NM, the TX/OK Panhandles, and N OK. Isolated large hail and damaging winds are the main threats.

Severe Weather Outlook



Excessive Rainfall Outlook

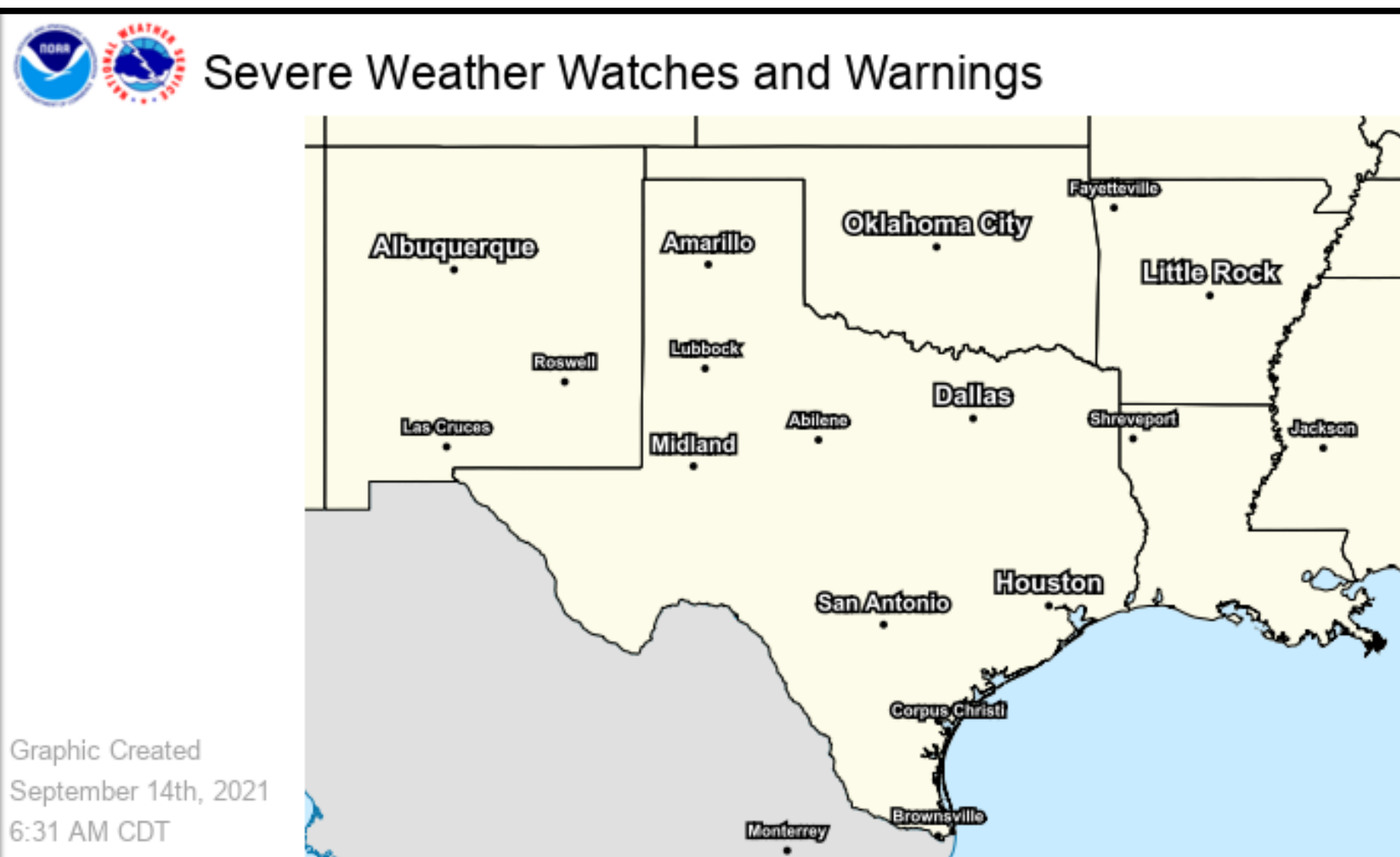
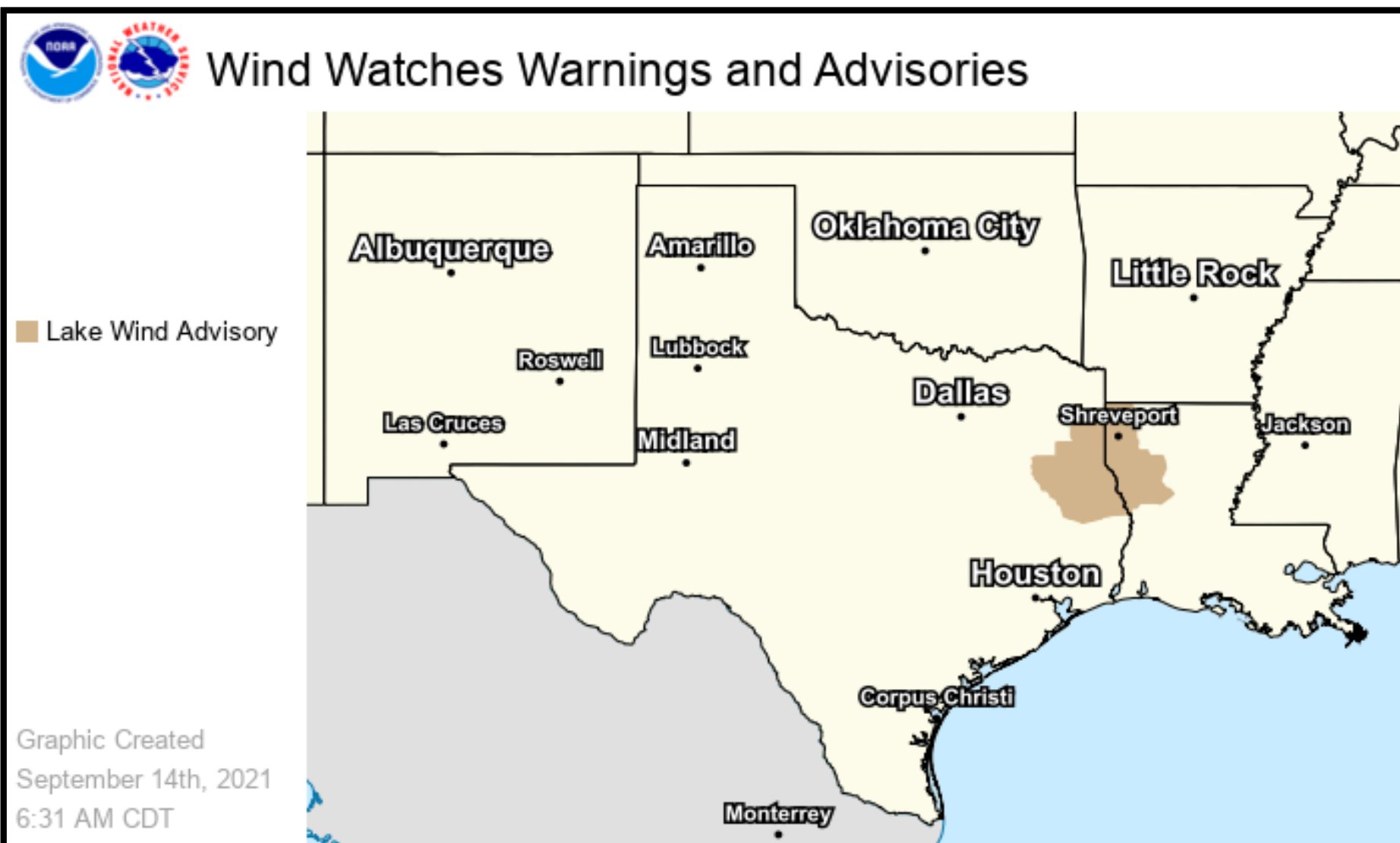


Watches, Warnings, and Advisories

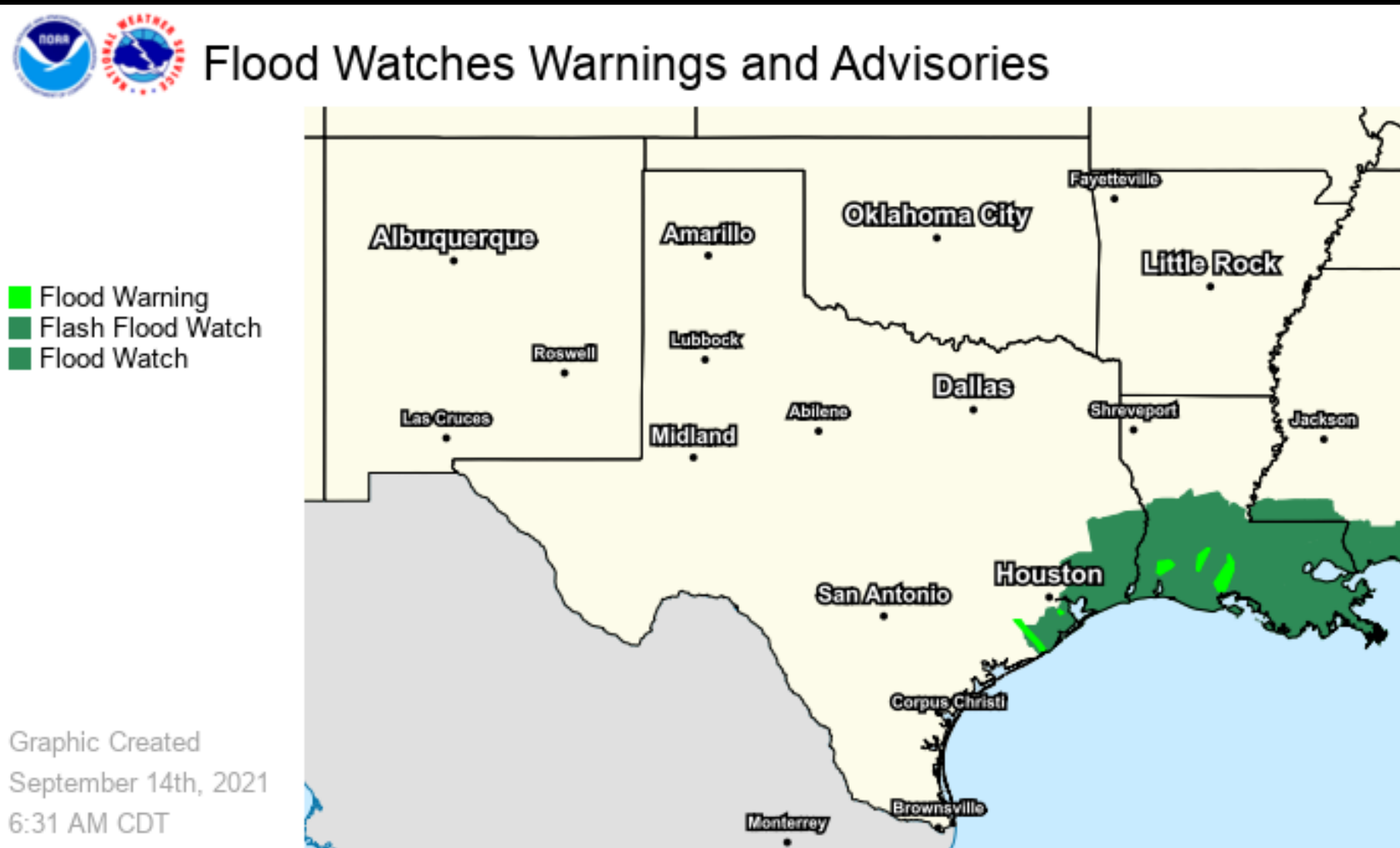
Wind, Severe, Winter, and Flood Hazards



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**Flash Flood Watches in effect
for SE TX into
Southern and Central LA.**

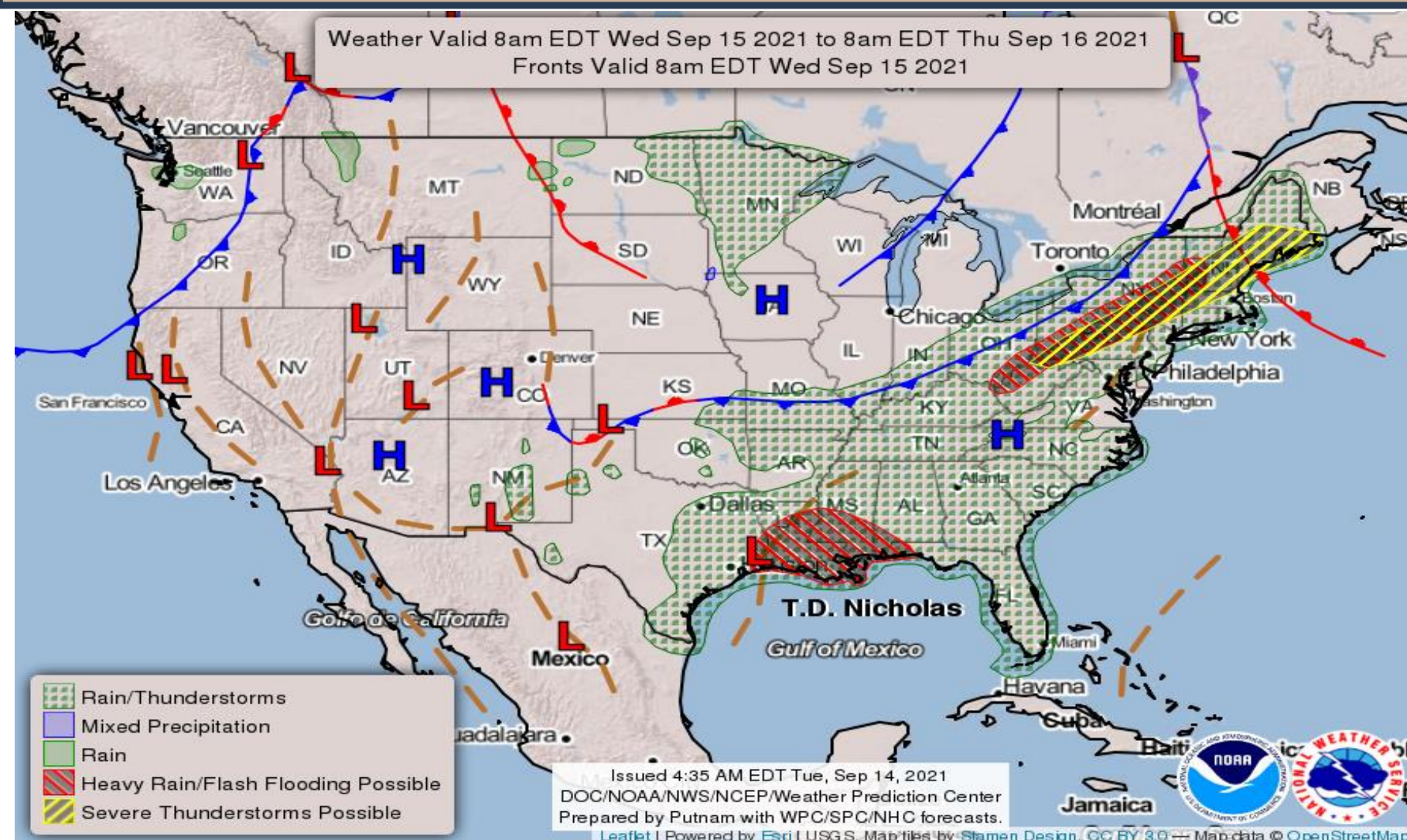


Tomorrow's Weather

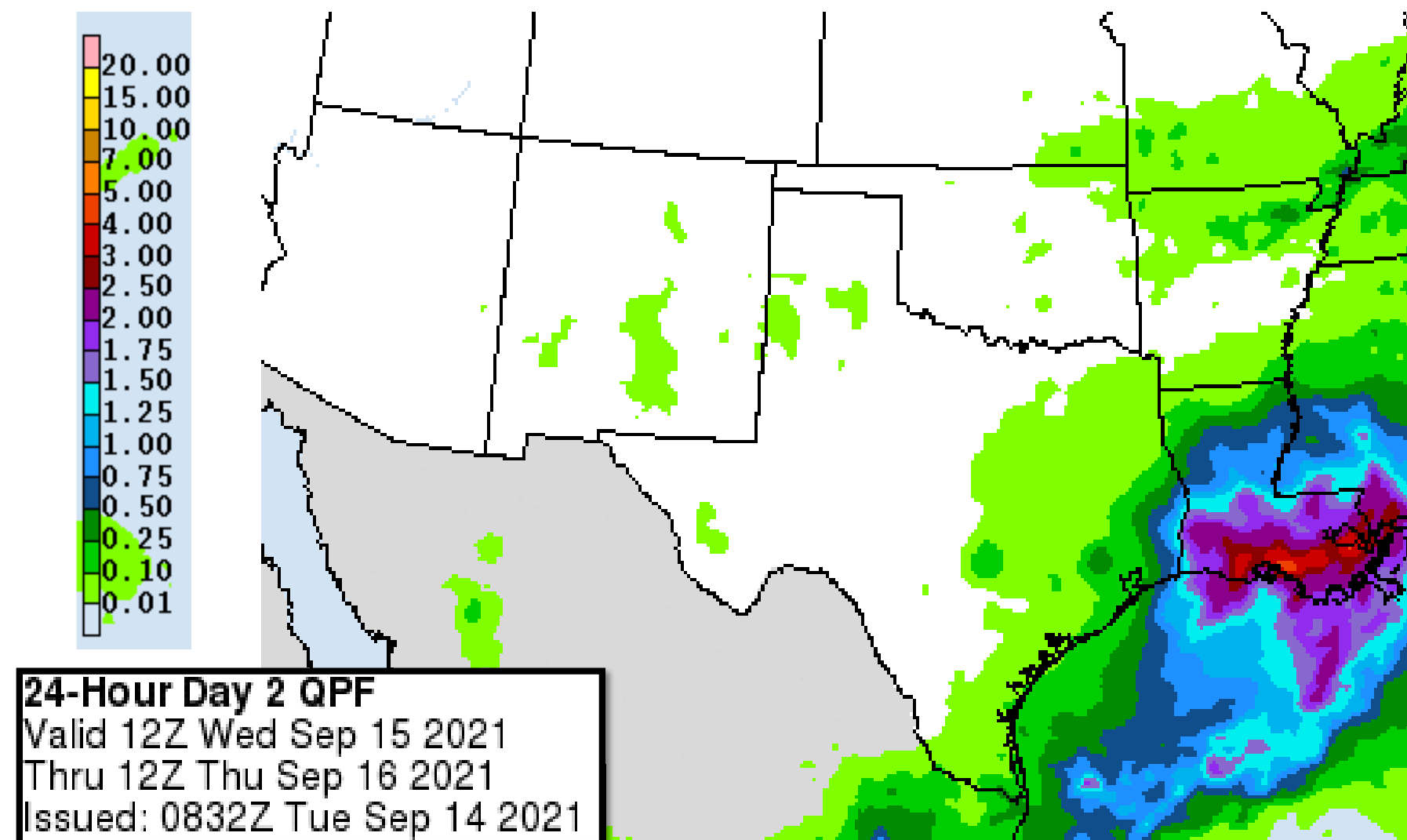


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Forecast Chart



Forecast Rainfall

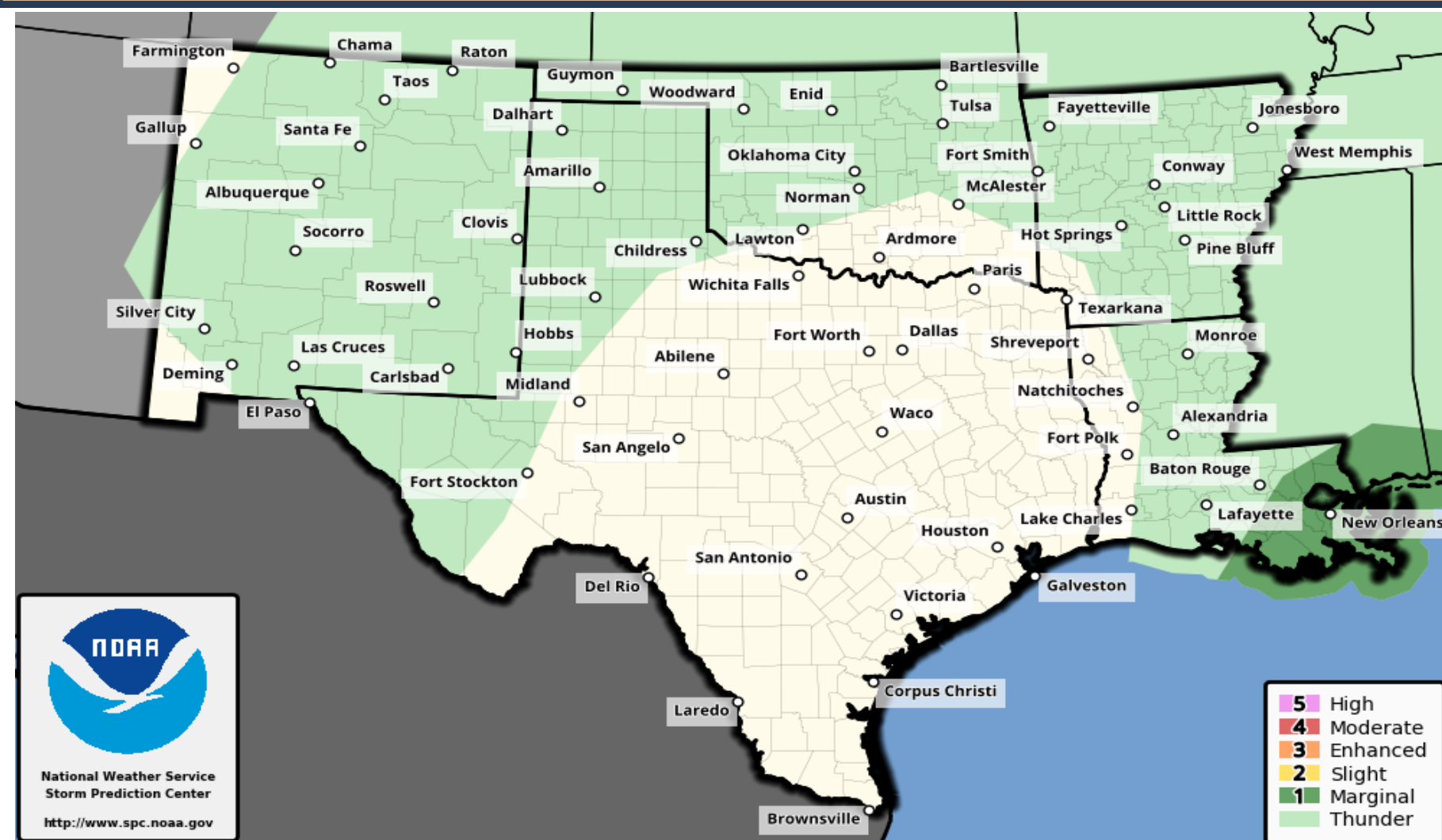


Heavy rain will likely lead to areas of flash and urban flooding for S LA and SE LA.

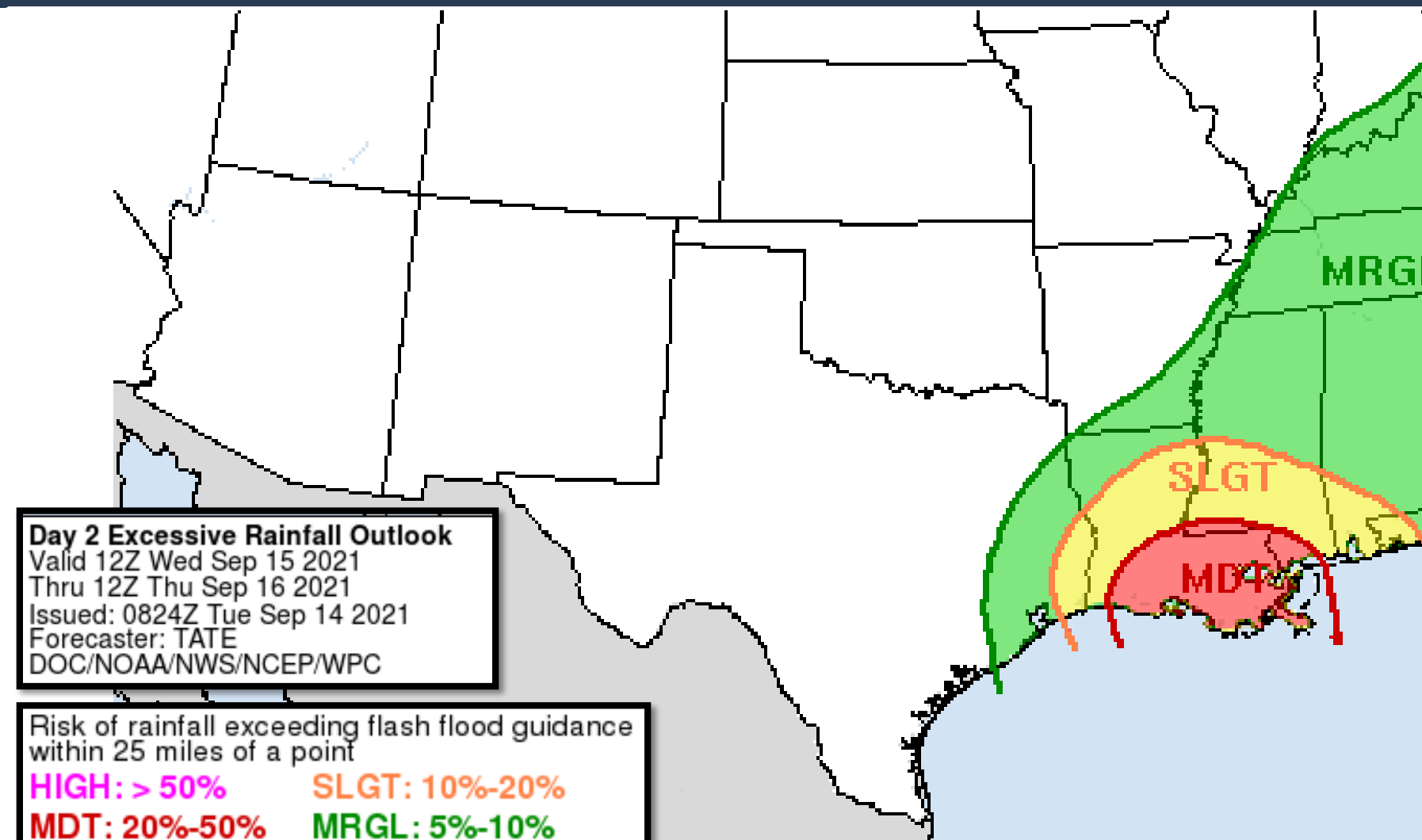
Heavy rain and flash flooding also possible across SE TX, SW LA, and Central LA.

A few brief tornadoes possible for SE LA.

Severe Weather Outlook

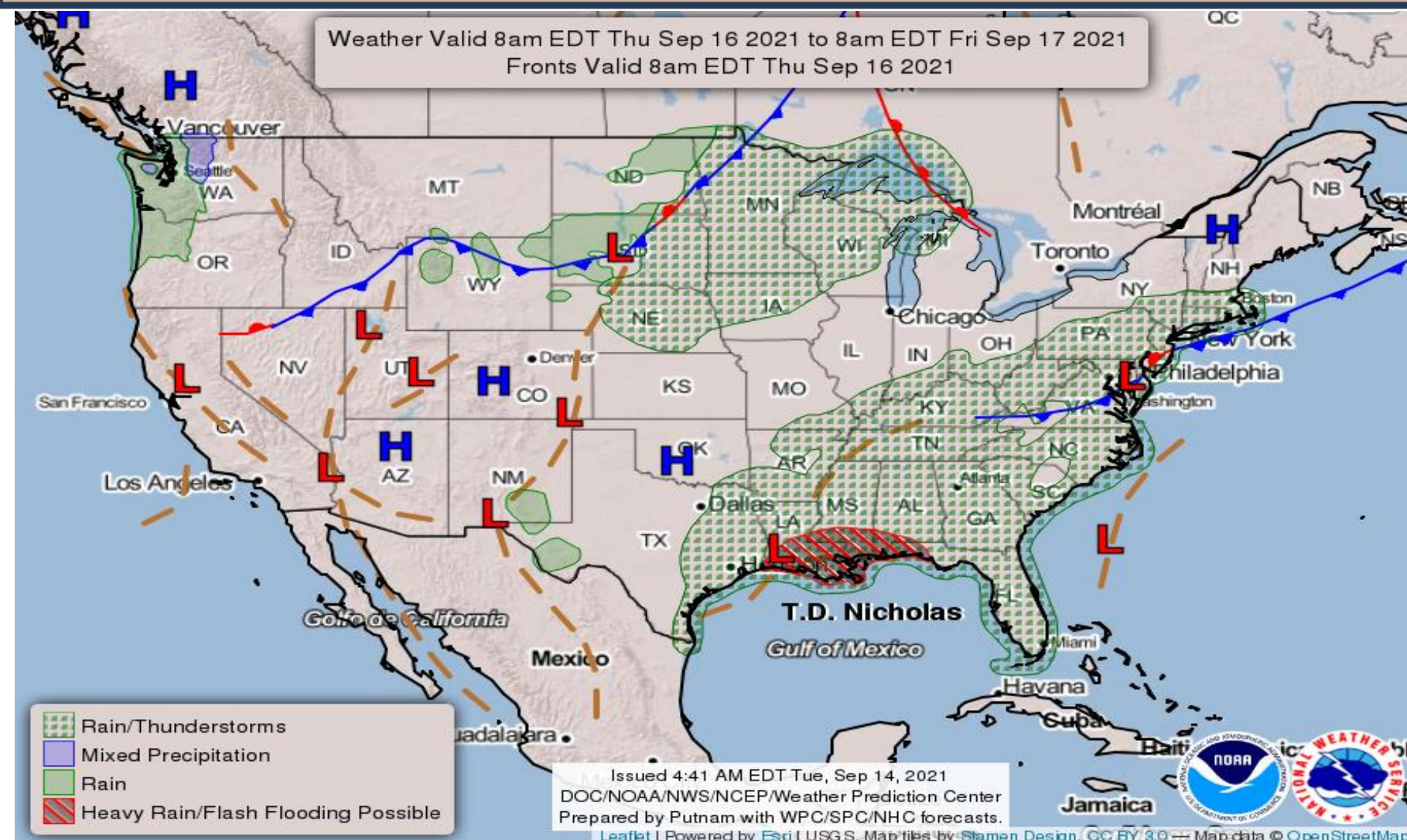


Excessive Rainfall Outlook

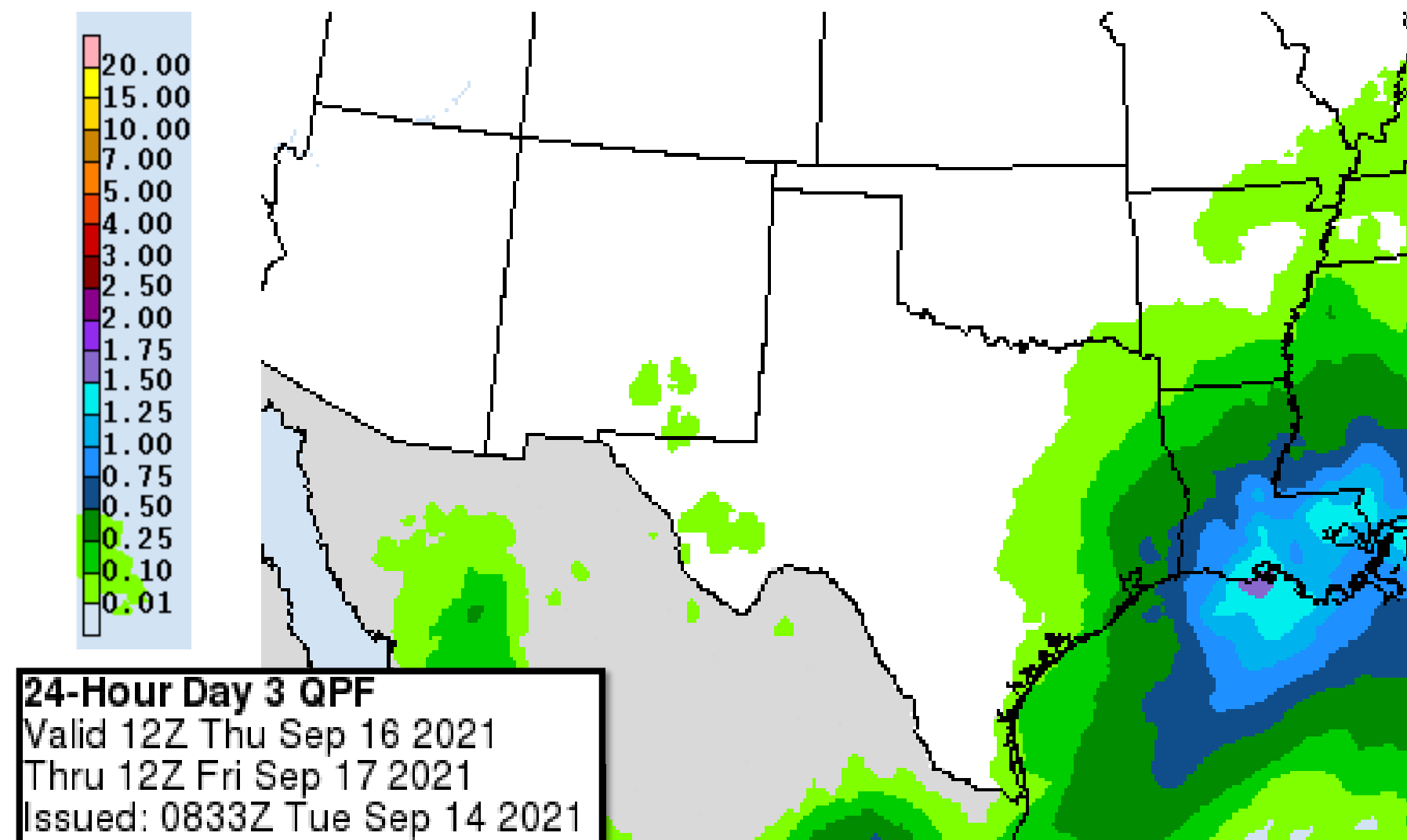


Thursday's Weather

Forecast Chart



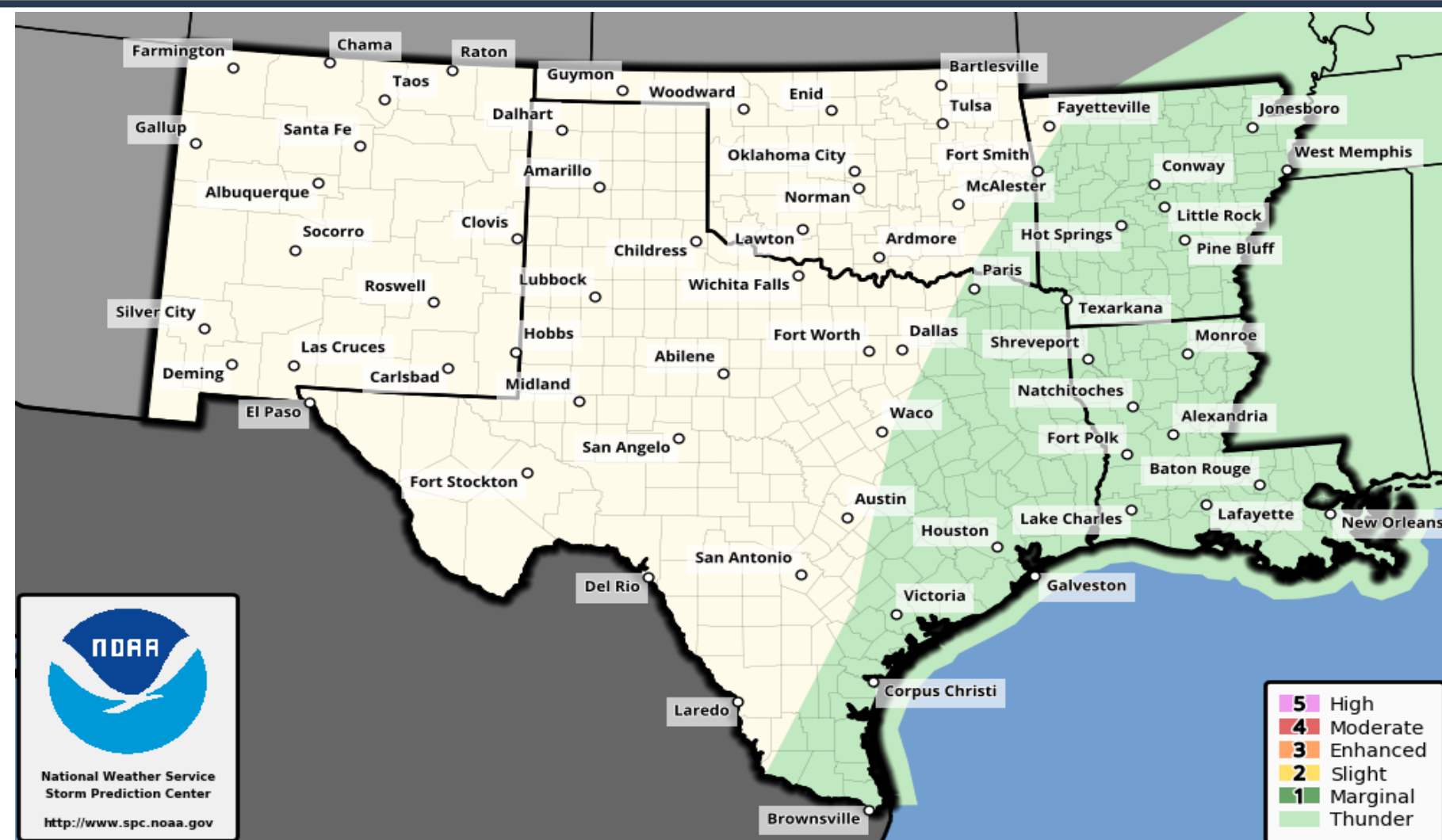
Forecast Rainfall



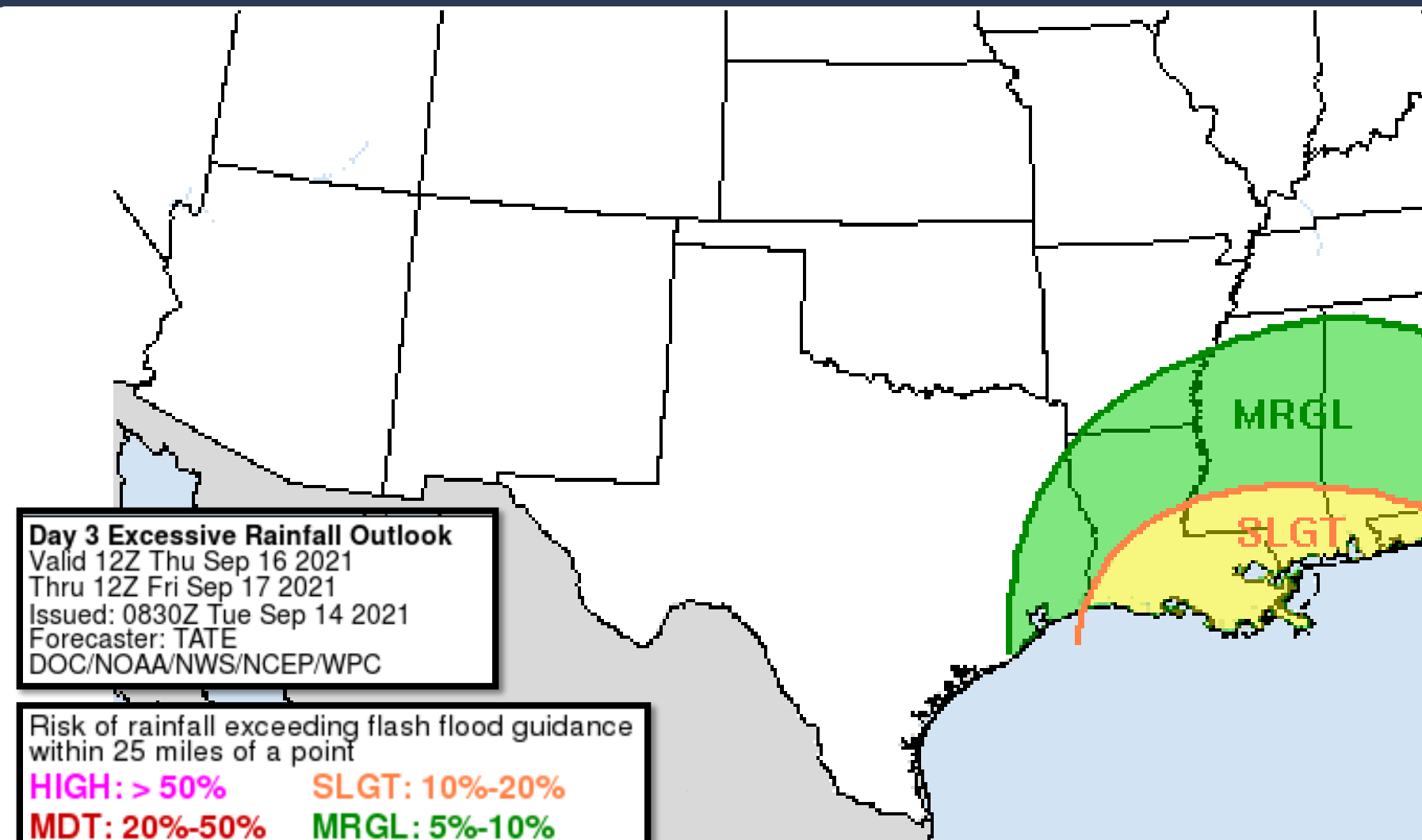
Threat of heavy rainfall and flash flooding continues across S LA.

Isolated heavy rainfall and flash flooding possible across E TX, SAR, and N LA.

Severe Weather Outlook



Excessive Rainfall Outlook



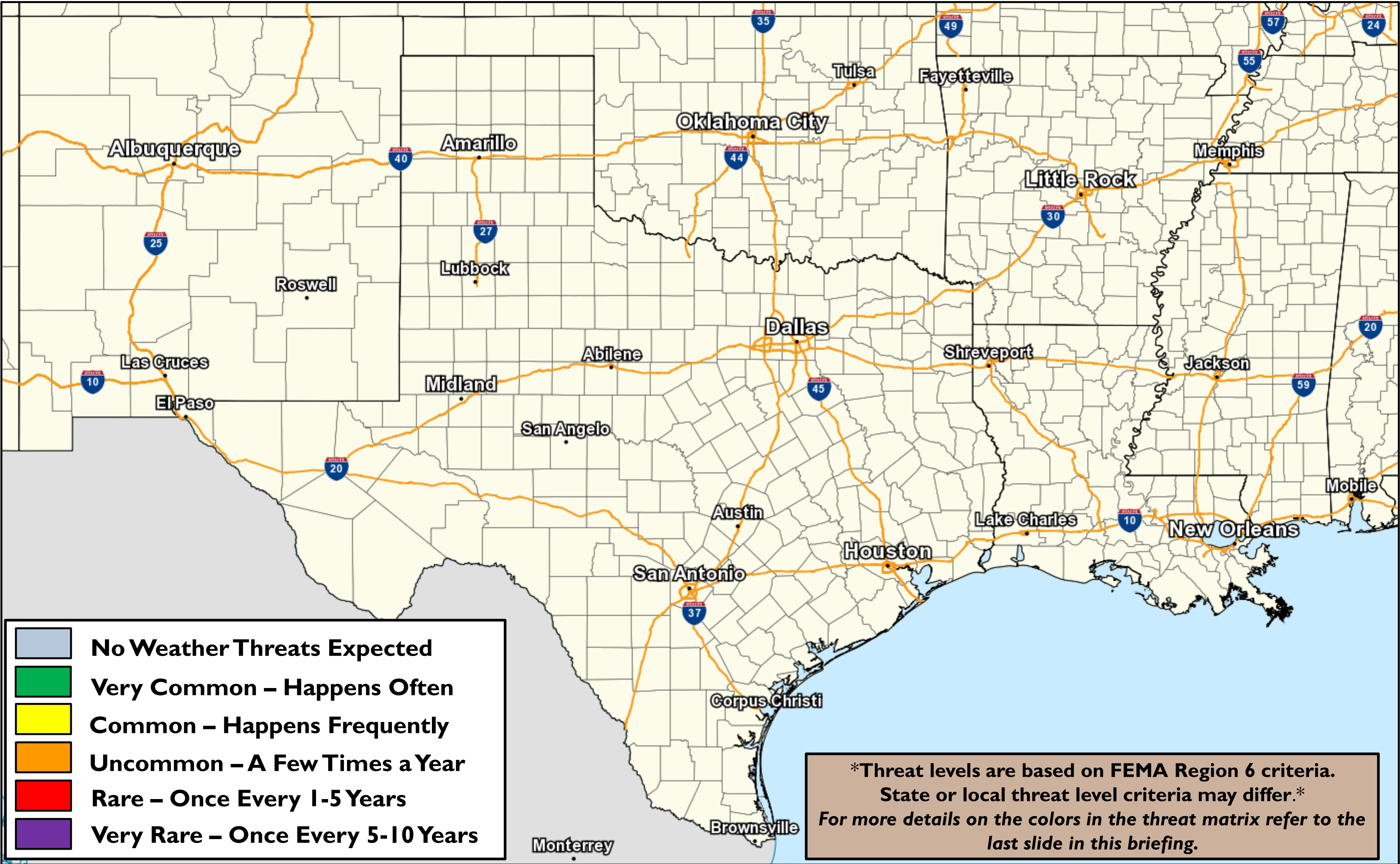
Days 4-5 Weather Hazards

Friday - Saturday



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No significant weather expected.

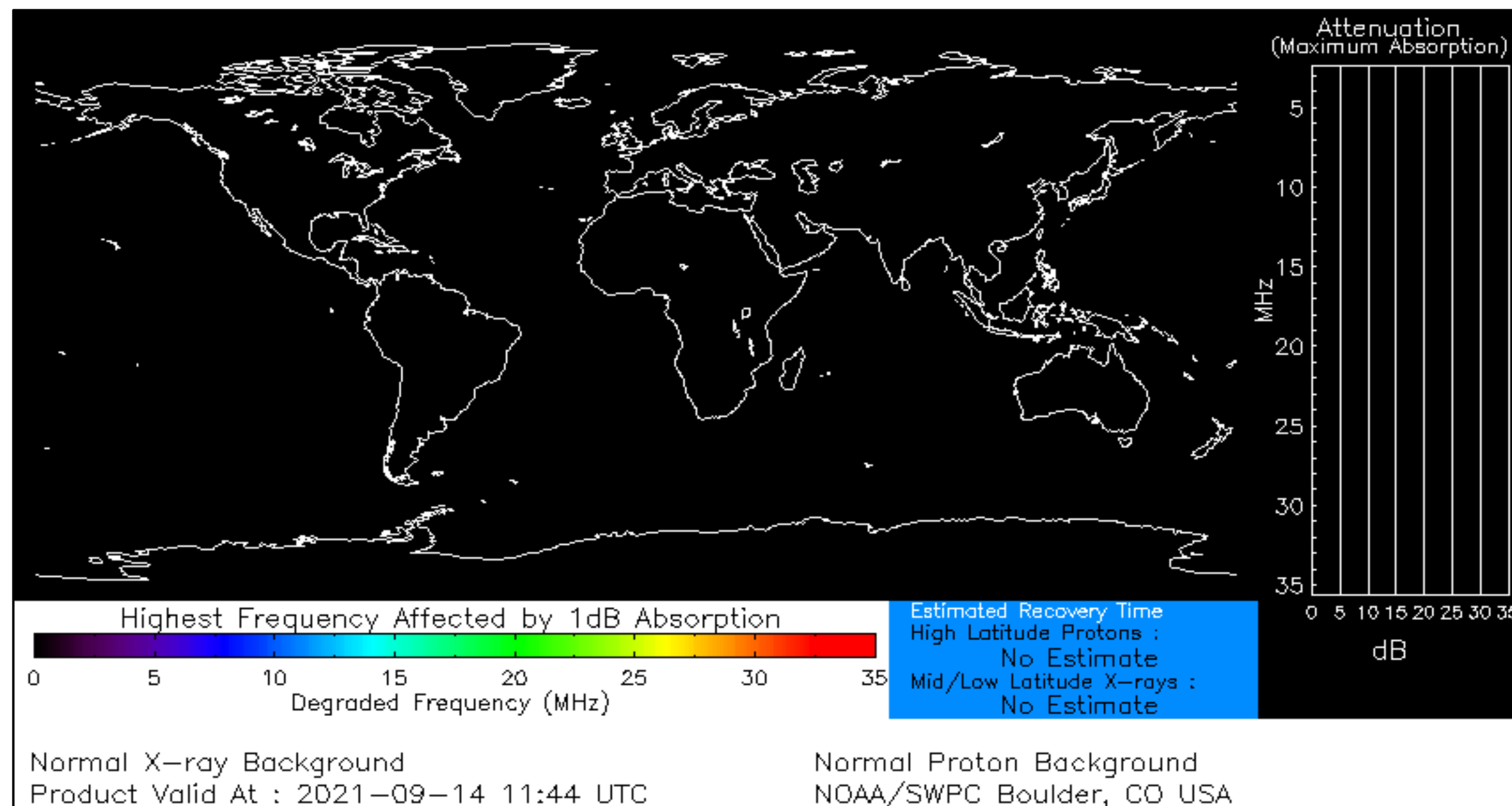


Space Weather 3-Day Forecast



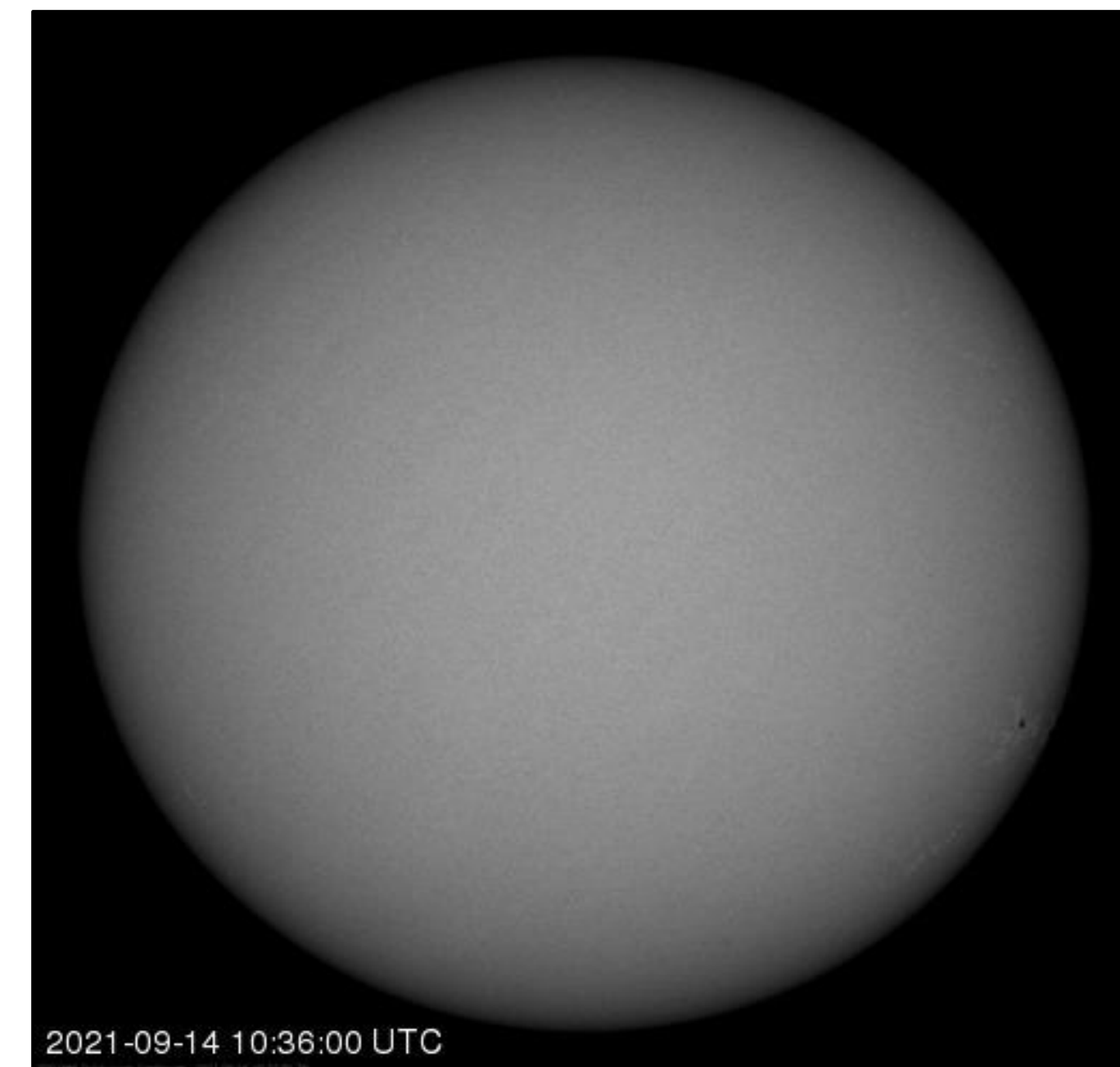
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	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 3)	Quiet (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	5%	5%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





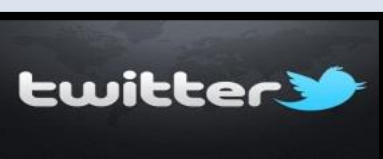
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov